



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) : Zofchak, et al.  
SERIAL NO. : 09/933,108  
FILED : August 20, 2001  
FOR : POLYMERIC URETHANE ESTER QUATS AND THEIR USE IN  
PERSONAL CARE PRODUCTS  
GROUP ART UNIT : 1711  
Examiner : Rachel Gorr

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
Mail Drop: Non-Fee Amendment

**Amendment in Response to Office action**

S I R :

In response to the Examiner's correspondence dated August 14, 2003, Applicants respectfully request that the Examiner consider the amended specification and claims as follows.

In the Specification:

On page 8 of the specification, the first full paragraph is amended to read as follows:

The term "diisocyanate" refers to a diisocyanate compound used in the present invention to react with free hydroxyl groups on the trialkanolamine fatty acid ester to form (poly)urethane compounds which may be quaternized to produce the present compositions. The term "diisocyanate" is used throughout the specification to describe a linear, cyclic or branch-chained hydrocarbon having two free isocyanate groups.  $C_4$  to  $C_{24}$  diisocyanate compounds are contemplated for use in the present invention, with preferred diisocyanates being  $C_6$  to  $C_{12}$  diisocyanates. The term "diisocyanate" also includes halogen substituted linear, cyclic or branch-chained hydrocarbons having two free isocyanate groups. Exemplary diisocyanates include, for example, isophoronediiisocyanate, m-phenylene-diiisocyanate, p-phenylenediiisocyanate, 4,4-